IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 334-0502

Philip E. Batt, Governor

February 26, 1996

CERTIFIED MAIL #P 875 704 985

Kim Dirks, Pollution Control Superintendent
IBP, Incorporated
P.O. Box 515
Dakota City, Nebraska 68731

RE: IBP, Incorporated (Kuna) - #9501-005-2
Tier II Operating Permit (#001-00030)

Dear Mr. Dirks:

On January 17, 1995, the Division of Environmental Quality (DEQ) received a Tier II Operating Permit (OP) application from IBP, Incorporated. The application was declared complete on November 3, 1995. More information, related to the application, was obtained over the phone on December 20, 1995. On December 29, 1995, a proposed Tier II OP was issued for public comment. Based on review of your application, state and federal rules and regulations, and comments received, DEQ finds this project meets the provisions of IDAPA 16.01.01.400. (Rules for the Control of Air Pollution in Idaho). Therefore, I am pleased to enclose your Tier II OP (#001-00030) for the emission sources that exist at the facility.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings", by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street - 10th Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision.

Please be advised that this OP is subject to permit application fees of five hundred dollars ($500.00) in accordance with IDAPA 16.01.01.470. IDAPA 16.01.01.470 became effective on March 7, 1995. Information regarding the permit application fees will be sent to you shortly.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Brian R. Monson, Chief, Operating Permits Bureau, at (208) 373-0502.

Sincerely,

Orville D. Green
Assistant Administrator
Permits and Enforcement

EPM\CDA:jrj...\permit\ibp\ibpf.COV

Enclosure

cc: J. Palmer, SWIRO
Source File
COF

STATE OF IDAHO AIR POLLUTION OPERATING PERMIT GENERAL INFORMATION	PERMIT NUMBER 001 - 00030 AQCR: 064 · CLASS: A2 · Primary SIC: 2011 · Secondary SIC: 2077 ZONE: 11 · UTM COORDINATE (km): 559.6, 4809.5

1. **PERMITTEE** IBP, Incorporated - Kuna		
2. **PROJECT** Tier II Operating Permit		
3. **ADDRESS** P.O. Box 9346	**TELEPHONE #** (208) 345-6660	**COUNTY** Ada
4. **CITY** Boise	**STATE** ID	**ZIP CODE** 83707
5. **PERSON TO CONTACT** Gary O'Donnell	**TITLE** Plant Manager	
6. **EXACT PLANT LOCATION** 16 Miles South of Boise on South Cole Road, Kuna, Idaho		
7. **GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS** Beef Packing and Rendering		

8. **GENERAL CONDITIONS**

This permit is issued according to the **Rules for the Control of Air Pollution in Idaho**, Section 16.01.01.400 and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be operated by this permit.

THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF DESIGN INFORMATION PRESENTED IN THE APPLICATION AND DEQ'S TECHNICAL ANALYSIS OF THE SUPPLIED INFORMATION. CHANGES IN DESIGN OR EQUIPMENT, THAT RESULT IN ANY CHANGE IN THE NATURE OR AMOUNT OF EMISSIONS, MAY BE A MODIFICATION. MODIFICATIONS ARE SUBJECT TO DEPARTMENT REVIEW IN ACCORDANCE WITH Section 16.01.01.200 OF THE **Rules for the Control of Air Pollution in Idaho.**

[signature] for DNC

ASSISTANT ADMINISTRATOR
DIVISION OF ENVIRONMENTAL QUALITY

ISSUED February 26, 1996
Date
EXPIRES February 26, 2001
Date

AIR POLLUTION OPERATING PERMIT

PERMITTEE AND LOCATION

PERMIT NUMBER

0 0 1 - 0 0 0 3 0

IBP, Incorporated
Tier II Operating Permit
Kuna, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

General Plant Description

1. SOURCE DESCRIPTION

1.1 Process Description

IBP, Inc., Idaho, is a beef processing and rendering facility which processes about 18 head of cattle per hour. The cattle are butchered, cleaned, split in half, quickl frozen to about 31°F, and sent to Pasco, Washington, for further processing. The hide are removed and sent to Pacific Hides in Nampa. The contents of the stomach are remove and piped to a truck loadout to be used for land application. The rest of the anima parts are ground up and rendered. The rendered material is separated into liquids an solids products. The liquid, edible product is used for deep fat frying. The soli product is used for animal food. The blood is dried and used for animal food.

1.2 Fuel Burning Equipment

1.2.1 Boilers:
a. East Boiler, manufactured by Superior
b. West Boiler, manufactured by Superior

1.2.2 Dryers:
a. Blood Dryer, manufactured by Duske, model TPD1250

1.2.3 Heaters:
a. South Kill Floor Heater, manufactured by Aerovent, model G499BI
b. West Kill Floor Heater, manufactured by Rapid Engineering, model 800222
c. Box Storage Heater, manufactured by E.K. Campbell, model 3736
d. Hartzell Heater, manufactured by Hartzell, model 1-60-LP3
e. Hasting Heater, manufactured by Hastings, model 1B/10-A
f. West Hotsy, manufactured by Hotsy, model 5800

1.2.4 Generators and Pump:
a. Electric Generator, manufactured by Caterpillar, model 8L6243
b. Electric Generator, manufactured by Caterpillar, model 3114
c. Fire Pump, manufactured by Caterpillar, model VG155II

1.3 Process Equipment

a. Dupps Cooker #1, manufactured by Dupps
b. Dupps Cooker #2, manufactured by Dupps
c. Dupps Cooker #3, manufactured by Dupps
d. MidCon Cooker #4, manufactured by MidCon
e. Dupps Cooker #5, manufactured by Dupps
f. Hide Down Puller
g. Meat Scraps Handling
h. Blood Conveying

1.4 Control Equipment

a. Cyclone Scrubber equivalent to an Airpol, model CV, of control efficiency 98%
b. Venturi Scrubber, manufactured by Premier, of control efficiency 90%
c. Packed Tower, manufactured by Premier, of control efficiency 20%
d. Two Bag Filters, manufactured by Premier, model BVC-250, of control efficiency 99%

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

PERMIT NUMBER

001 - 00030

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

East and West Boilers

1. SOURCE DESCRIPTION

1.1 Process Description

IBP, Inc. - Kuna has two (2) identical boilers, the East boiler and the West boiler manufactured by Superior. The boilers produce steam for the cookers. The rate capacity of each boiler is 25.2 million British thermal units per hour (MMBtu/hr). Th boilers can use either #2 fuel oil or natural gas. The emissions from the two (2 boilers are uncontrolled.

2. EMISSION LIMITS

2.1 Particulate matter (PM), particulate matter with aerodynamic diameter less than or equa to a nominal ten (10) micrometers (PM-10), sulfur dioxide (SO_2), oxides of nitroge (NO_x), carbon monoxide (CO), and volatile organic compounds (VOC) emissions from th boilers shall not exceed the corresponding emissions limits, pound per hour (lb/hr), c ton per year (T/yr) values listed in Appendix A of this permit.

2.2 Visible emissions from each boiler stack shall not exceed twenty percent (20%) opacit for a period or periods aggregating more than three (3) minutes in any sixty (60) minut period as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution i Idaho) (Rules).

3. OPERATING REQUIREMENTS

3.1 #2 Fuel Oil Consumption

The maximum amount of #2 fuel oil consumption by both, the East and the West boiler shall not exceed 2,600,000 gallons per year on a rolling basis.

4. MONITORING AND RECORDKEEPING REQUIREMENTS

4.1 The following parameter shall be monitored and recorded on a monthly basis. All dat shall be kept on-site in a log for a period of two (2) years and made available t Department representatives upon request.

4.1.1 Type and amount of fuel used by both the East and the West boilers.

ISSUED: February 26, 1996
EXPIRES: February 26, 2001

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

PERMIT NUMBER

001 - 00030

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Heaters

1. SOURCE DESCRIPTION

1.1 Process Description

IBP, Inc. - Kuna has five (5) space heaters, South Kill Floor Heater, West Kill Floor Heater, Box Storage Heater, Hartzell Heater, and Hasting Heater of rated capacities of three (3) MMBtu/hr, five (5) MMBtu/hr, 1.7 MMBtu/hr, 4.95 MMBtu/hr, and 0.6 MMBtu/hr, respectively. The facility has one (1) water heater, West Hotsy, of rated capacity of 0.54 MMBtu/hr. All the heaters use natural gas exclusively. Emissions from the heaters are uncontrolled.

2. EMISSION LIMITS

2.1 Particulate matter (PM), particulate matter with aerodynamic diameter less than or equal to a nominal ten (10) micrometers (PM-10), sulfur dioxide (SO_2), oxides of nitrogen (NO_x), carbon monoxide (CO), and volatile organic compounds (VOC) emissions from the heaters shall not exceed the corresponding emissions limits, pound per hour (lb/hr), or ton per year (T/yr) values listed in Appendix A of this permit.

2.2 Visible emissions from each heater stack shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period as required by IDAPA 16.01.01.625 (Rules).

3. OPERATING REQUIREMENTS

3.1 Fuel Type

Natural gas shall be the only fuel used by the heaters listed in Section 1.1.

4. MONITORING AND RECORDKEEPING REQUIREMENTS

4.1 The following parameter shall be monitored on a monthly basis. All data shall be kept on-site in a log for a period of two (2) years and made available to Department representatives upon request.

4.1.1 Amount of natural gas used by the heaters.

ISSUED: February 26, 1996
EXPIRES: February 26, 2001

AIR POLLUTION OPERATING PERMIT

PERMIT NUMBER

Permittee AND LOCATION

001 - 00030

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Generators & Fire Pump

1. SOURCE DESCRIPTION

1.1 Process Description

IBP, Inc. - Kuna has two (2) electric generators and one (1) fire pump of rated capacity of 0.17 MMBtu/hr, 0.15 MMBtu/hr, and 136 hp (0.35 MMBtu/hr), respectively. The generators and the fire pump use only diesel fuel. The maximum operating hours for each generator or the fire pump are 500 hours per year. Emissions from the generators and the fire pump are uncontrolled.

2. EMISSION LIMITS

2.1 Particulate matter (PM), particulate matter with aerodynamic diameter less than or equal to a nominal ten (10) micrometers (PM-10), sulfur dioxide (SO_2), oxides of nitrogen (NO_x), carbon monoxide (CO), and volatile organic compounds (VOC) emissions from the electric generators and the fire pump shall not exceed the corresponding emission limits, pound per hour (lb/hr), or ton per year (T/yr) values listed in Appendix A of this permit.

2.2 Visible emissions from each generator or fire pump stack shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period as required by IDAPA 16.01.01.625 (Rules).

3. OPERATING REQUIREMENTS

3.1 Hours of Operation

The maximum hours of operation of each generator or the fire pump shall not exceed 500 hours per year on a rolling basis.

4. MONITORING AND RECORDKEEPING REQUIREMENTS

4.1 The following parameter shall be monitored on a monthly basis. All data shall be kept on-site in a log for a period of two (2) years and made available to Department representatives upon request.

4.1.1 Hours of operation of each generator and of the fire pump.

ISSUED: February 26, 1996
EXPIRES: February 26, 2001

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

PERMIT NUMBER

001 - 00030

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Hide Down Puller

1. SOURCE DESCRIPTION

1.1 Process Description

IBP, Inc. - Kuna has a Hide Down Puller which pulls the hide off the carcass after it has been separated by air pressure. The rated capacity of the Hide Down Puller is 200 hides per hour. Vacuum hoods capture dust and loose hair created by the process.

1.2 Control Equipment

A Cyclone Scrubber which is equivalent to an Airpol, model CV unit.

2. EMISSION LIMITS

2.1 Particulate matter (PM) and particulate matter with aerodynamic diameter less than or equal to a nominal ten (10) micrometers (PM-10) emissions from the Hide Down Puller cyclone stack shall not exceed the corresponding emissions limits, pound per hour (lb/hr), or ton per year (T/yr) values listed in Appendix A of this permit.

2.2 Visible emissions from the cyclone scrubber stack shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period as required by IDAPA 16.01.01.625 (Rules).

3. OPERATING REQUIREMENTS

3.1 Hours of Operation

The maximum hours of operation of the Hide Down Puller shall not exceed 2800 hours per year on a rolling basis.

3.2 Pressure Drop Across the Cyclone Scrubber

The pressure drop across the Cyclone Scrubber shall be greater than or equal to four (4) inches of water column.

3.3 Scrubbing Media Flowrate

Water flowrate to the Cyclone Scrubber shall be between twenty-five (25) to thirty (30) gallons per minute.

3.4 Installation of Monitoring Equipment

Within ninety (90) days of the date of issue of this permit, the Permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer's specifications, equipment to continuously measure the pressure differential across the air pollution control equipment, and to measure the scrubbing media flowrate to the Cyclone Scrubber listed in Section 1.2.

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

PERMIT NUMBER

001 - 00030

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Hide Down Puller

3.5 Control of Odors

No emissions of odorous gases or solids from the cyclone scrubber stack shall be emitted in such quantities as to cause air pollution, as required by IDAPA 16.01.01.775 and IDAPA 16.01.01.835 (Rules).

4. MONITORING AND RECORDKEEPING REQUIREMENTS

4.1 The following parameters shall be monitored and recorded on a daily basis. All data shall be kept on-site in a log for a period of two (2) years and made available to Department representatives upon request.

4.1.1 Hours of operation of the Hide Down Puller;

4.1.2 Pressure drop across the Cyclone Scrubber; and

4.1.3 Scrubbing media flowrate to the Cyclone Scrubber.

ISSUED: February 26, 1996
EXPIRES: February 26, 2001

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

PERMIT NUMBER

001 - 00030

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Blood Dryer

1. SOURCE DESCRIPTION

1.1 Process Description

IBP, Inc. - Kuna has a Blood Dryer which is a 2.6 MMBtu/hr natural gas fired rotary kil with a maximum rated input capacity of 4,100 pounds of raw blood per hour. The drie blood is pneumatically conveyed to storage.

1.2 Control Equipment

1.2.1 Knock-Out Pot;

1.2.2 Wet Venturi Scrubber manufactured by Premier; and

1.2.3 Packed Tower manufactured by Premier.

2. EMISSION LIMITS

2.1 Particulate matter (PM) and particulate matter with aerodynamic diameter less than or equal to a nominal ten (10) micrometers (PM-10) emissions from the Blood Dryer shall not exceed the corresponding emissions limits, pound per hour (lb/hr), or ton per yea (T/yr) values listed in Appendix A of this permit.

2.2 Visible emissions from the blood dryer stack shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixt (60) minute period as required by IDAPA 16.01.01.625 (Rules).

3. OPERATING REQUIREMENTS

3.1 Venturi Scrubber

3.1.1 Pressure drop across the Venturi scrubber shall be maintained within manufacturer's specifications. Documentation of the manufacturer's specifications shall remain on-site at all times and shall be made available to Department representatives upon request; or

3.1.2 The Permittee shall conduct, within ninety (90) days of the date of issuance of this permit, a performance test on the Venturi scrubber in accordance with Section I of the Operating Permit General Provisions. The pressure drop across the Venturi scrubber during that test shall be recorded. The test results shall be submitted to the Department within thirty (30) days after the test date. The recorded pressure drop during the performance test shall be the minimum pressure drop at which the Venturi scrubber shall operate.

3.1.3 Water flowrate to the knock-out pot and the Venturi scrubber shall be greater than or equal to 300 gallons per minute.

ISSUED: February 26, 1996
EXPIRES: February 26, 2001

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

PERMIT NUMBER

001 - 00030

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Blood Dryer

3.2 Packed Tower

3.2.1 Pressure drop across the packed tower shall be maintained within manufacturer' specifications. Documentation of the manufacturer's specifications shal remain on-site at all times and shall be made available to Departmen representatives upon request; or

3.2.2 The Permittee shall conduct, within ninety (90) days of the date of issuanc of this permit, a performance test on the packed tower in accordance wit Section I of the Operating Permit General Provisions. The pressure drop acros the packed tower during that test shall be recorded. The test results shal be submitted to the Department within thirty (30) days after the test date The recorded pressure drop during the performance test shall be the minimu pressure drop at which the packed tower shall operate.

3.2.3 Water flowrate to the packed tower shall be greater than or equal to 70 gallons per minute.

3.3 Installation of Monitoring Equipment

Within ninety (90) days of the date of issue of this permit, the Permittee shal install, calibrate, maintain, and operate, in accordance with manufacturer' specifications, equipment to continuously measure the pressure differential across th air pollution control equipment, and to measure the scrubbing media flowrate to th Venturi scrubber and the packed tower.

3.4 Control of Odors

No emissions of odorous gases or solids from the blood dryer stack shall be emitted i such quantities as to cause air pollution, as required by IDAPA 16.01.01.775 and IDAP 16.01.01.835 (Rules).

3.5 The Venturi scrubber and the packed tower should be connected in series.

4. MONITORING AND RECORDKEEPING REQUIREMENTS

4.1 The following parameters shall be monitored on a daily basis. All data shall be kep on-site in a log for a period of two (2) years and made available to Departmen representatives upon request.

4.1.1 Pressure drop across the Venturi Scrubber and the Packed Tower.

4.1.2 Scrubbing media flowrate to the Venturi Scrubber and the Packed Tower.

ISSUED: February 26, 1996
EXPIRES: February 26, 2001

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

PERMIT NUMBER

001 - 00030

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Cookers

1. SOURCE DESCRIPTION

1.1 Process Description

IBP, Inc. - Kuna operates two (2) grinders, five (5) cookers, and three (3) greas expellers. The viscera is ground into small pieces and fed into the cookers. Th cookers are heated by steam generated from the boilers. Emissions from the cookers ar controlled by a knock-out pot, Venturi Scrubber, and a Packed Tower connected in series

1.2 Control Equipment

1.2.1 Knock-out pot

1.2.2 Wet Venturi Scrubber manufactured by Premier; and

1.2.3 Packed Tower manufactured by Premier.

2. EMISSION LIMITS

2.1 Particulate matter (PM) and particulate matter with aerodynamic diameter less than o equal to a nominal ten (10) micrometers (PM-10) emissions from the five (5) cooker shall not exceed the emissions limits, pound per hour (lb/hr), or ton per year (T/yr values listed in Appendix A of this permit.

2.2 Visible emissions from the Venturi scrubber and packed tower stack shall not excee twenty percent (20%) opacity for a period or periods aggregating more than three (3 minutes in any sixty (60) minute period as required by IDAPA 16.01.01.625 (Rules).

3. OPERATING REQUIREMENTS

3.1 Venturi Scrubber

3.1.1 Pressure drop across the Venturi scrubber shall be maintained withi manufacturer's specifications. Documentation of the manufacturer' specifications shall remain on-site at all times and shall be made availabl to Department representatives upon request; or

3.1.2 The Permittee shall conduct, within ninety (90) days of the date of issuanc of this permit, a performance test on the Venturi scrubber in accordance wit Section I of the Operating Permit General Provisions. The pressure drop acros the Venturi scrubber during that test shall be recorded. The test result shall be submitted to the Department within thirty (30) days after the tes date. The recorded pressure drop during the performance test shall be th minimum pressure drop at which the Venturi scrubber shall operate.

3.1.3 Water flowrate to the knock-out pot and the Venturi scrubber shall be greate than or equal to 300 gallons per minute.

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

PERMIT NUMBER

001 - 00030

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Cookers

3.2 Packed Tower

3.2.1 Pressure drop across the packed tower shall be maintained within manufacturer' specifications. Documentation of the manufacturer's specifications shal remain on-site at all times and shall be made available to Departmer representatives upon request; or

3.2.2 The Permittee shall conduct, within ninety (90) days of the date of issue c this permit, a performance test on the packed tower in accordance with Sectic I of the Operating Permit General Provisions. The pressure drop across th packed tower during that test shall be recorded. The test results shall b submitted to the Department within thirty (30) days after the test date. Th recorded pressure drop during the performance test shall be the minimu pressure drop at which the packed tower shall operate.

3.2.3 Water flowrate to the packed tower shall be greater than or equal to 7(gallons per minute.

3.3 Installation of Monitoring Equipment

Within ninety (90) days of the date of issue of this permit, the Permittee shal install, calibrate, maintain, and operate, in accordance with manufacturer' specifications, equipment to continuously measure the pressure differential across th air pollution control equipment, and to measure the scrubbing media flowrate to th Venturi scrubber and the packed tower.

3.4 Control of Cookers

All gases, vapors, and gas entrained effluents from the coolers shall pass throuc condensers to remove all steam and other condensible materials. All noncondensible passing through the condensers shall be incinerated at 1200°F for a minimum of 0. seconds, or shall be treated in an equally effective manner, as required by IDAF 16.01.01.836 (Rules).

3.5 Control of Expellers

All expellers shall be properly hooded and all exhaust gases shall be ducted to odc control equipment, as required by IDAPA 16.01.01.837.

3.6 The Venturi scrubber and the packed tower should be connected in series.

4. MONITORING AND RECORDKEEPING REQUIREMENTS

4.1 The following parameters shall be monitored on a daily basis. All data shall be kep on-site in a log for a period of two (2) years and made available to Departmen representatives upon request.

4.1.1 Pressure drop across the Venturi Scrubber and the Packed Tower; and

4.1.2 Scrubbing media flowrate to the Venturi Scrubber and the Packed Tower.

ISSUED: February 26, 1996
EXPIRES: February 26, 2001

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

PERMIT NUMBER

001 - 00030

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Meat Scraps Handling & Blood Conveying

1. SOURCE DESCRIPTION

1.1 Process Description

Dried blood and meat scraps are pneumatically conveyed to two airlocks above the loading trucks. Material is dropped through sleeves into the trucks. Each process is controlled by a Bag Filter.

1.2 Control Equipment

Two (2) identical Bag Filters manufactured by Premier Pneumatics, model BVC-150.

2. EMISSION LIMITS

2.1 Particulate matter (PM) and particulate matter with aerodynamic diameter less than or equal to a nominal ten (10) micrometers (PM-10) emissions from the transfer of dried blood and from meat scraps shall not exceed the corresponding emissions limits, pounds per hour (lb/hr), or ton per year (T/yr) values listed in Appendix A of this permit.

2.2 Visible emissions from each bag filter stack shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period as required by IDAPA 16.01.01.625 (Rules).

3. OPERATING REQUIREMENTS

3.1 Material Transfer Rate

The maximum hourly transfer rate of the meat scraps is 25.5 tons per hour (T/hr), and that of dried blood is eighteen (18) T/hr.

3.2 Bag Filters

3.2.1 Pressure drop across the two (2) Bag Filters shall be maintained within manufacturer's specifications. Documentation of the manufacturer's specifications shall remain on-site at all times and shall be made available to Department representatives upon request; or

3.2.2 The Permittee shall conduct, within ninety (90) days of the date of issuance of this permit, a performance test on the two (2) bag filters in accordance with Section I of the Operating Permit General Provisions. The pressure drop across the two (2) bag filters during that test shall be recorded. The test results shall be submitted to the Department within thirty (30) days after the test date. The recorded pressure drop during the performance test shall be the minimum pressure drop at which each bag filter shall operate.

3.3 Installation of Monitoring Equipment

Within ninety (90) days of the date of issue of this permit, the Permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer's specifications, equipment to continuously measure the pressure differential across the air pollution control equipment listed in Section 1.2.

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

PERMIT NUMBER

001 - 00030

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Meat Scraps Handling & Blood Conveying

4. MONITORING AND RECORDKEEPING REQUIREMENTS

4.1 The following parameter shall be monitored on a daily basis. All data shall be kept on-site in a log for a period of two (2) years and made available to Department representatives upon request.

4.1.1 Pressure drop across the two (2) Bag Filters listed in Section 1.2.

ISSUED: February 26, 1996
EXPIRES: February 26, 2001

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

PERMIT NUMBER

001 - 00030

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Fuel Tanks

1. SOURCE DESCRIPTION

1.1 Process Description

IBP, Inc. - Kuna has three (3) fuel tanks. A gasoline tank, a diesel fuel tank, and #2 fuel oil tank of rated capacities of 2,000 gallons, 1,200 gallons, and 12,00 gallons, respectively. All the tanks are fixed roof tanks with no vapor recover systems.

2. EMISSION LIMITS

Volatile organic compounds (VOC) emissions from the three (3) tanks shall not exceed th corresponding emissions limits values listed in Appendix A of this permit.

3. MONITORING AND RECORDKEEPING REQUIREMENTS

3.1 The following parameters shall be monitored on a monthly basis. All data shall be kep on-site in a log for a period of two (2) years and made available to Departmen representatives upon request.

3.1.1 Throughput amount from each storage tank.

ISSUED: February 26, 1996
EXPIRES: February 26, 2001

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

IBP, Inc.
Tier II Operating Permit
Kuna, Idaho

PERMIT NUMBER

0	0	1	-	0	0	0	3	0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Fugitive Emission Sources

1. SOURCE DESCRIPTION

1.1 Process Description

Fugitive dust emissions are generated from traffic on paved and unpaved roadways. The sources of fugitive dust are: rendered product trucks, hide trucks, shag truck, cattle trucks, refrigerator trucks, and automobiles.

2. OPERATING REQUIREMENTS

Fugitive emissions generated from roads shall be reasonably controlled in accordance with IDAPA 16.01.01.650 (Rules).

Appendix A

IBP, Inc. - Kuna

Hourly (lb/hr) and Annual (T/yr) Point Source Emissions Limits[a]

Source	PM		PM-10		SO_2		CO		NO_x		VOC	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
East Boiler	0.360	1.440	0.329	1.440	12.960	46.800	0.900	3.679	3.600	14.717	0.067	0.293
West Boiler	0.360	1.440	0.329	1.440	12.960	46.800	0.900	3.679	3.600	14.717	0.067	0.293
Heaters	0.189	0.830	0.189	0.830	0.009	0.041	0.332	1.542	1.579	6.916	0.061	0.266
Generators & Fire Pump	0.702	0.175	0.702	0.175	0.656	0.164	2.150	0.538	9.981	2.495	0.815	0.204
Hide Down Puller[b]	1	1.40	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Blood Dryer[c]	6.6	28.908	-----	-----	0.002	0.007	0.053	0.230	0.250	1.095	0.010	0.042
Cookers	3.956	17.327	3.956	17.327	-----	-----	-----	-----	-----	-----	-----	-----
Meat Scraps Handling	0.077	0.335	0.077	0.335	-----	-----	-----	-----	-----	-----	-----	-----
Blood Conveying	0.054	0.237	0.054	0.237	-----	-----	-----	-----	-----	-----	-----	-----
Storage Tanks	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.037	0.163
Total Emissions	13.298	52.092	5.636	21.784	26.585	93.805	4.338	9.668	19.01	39.940	1.057	1.261

a. As determined by a pollutant specific U.S. EPA reference method, Department approved alternative, or as determined by the Department's emission estimation methods used in the permit application analysis.

b. PM limits from Permit to Construct number 001-00030, April 1, 1994

c. PM limits from Permit to Construct number 0020-0030, December 28, 1983

ISSUED: February 26, 1996
EXPIRES: February 26, 2001

OPERATING PERMIT GENERAL PROVISIONS

A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the **Rules for the Control of Air Pollution in Idaho**, and the Environmental Protection and Health Act, Idaho Code 39-101 et. seq.

B. The Permittee shall at all times (except as provided in the **Rules for the Control of Air Pollution in Idaho**) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.

C. The Permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:

1) To enter upon the Permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and

2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing (i.e., performance tests) in conformance with state approved or accepted EPA procedures when deemed appropriate by the Director.

D. Except for data determined to be confidential under Section 39-111, **Idaho Code**, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environmental Quality.

E. Nothing in this permit is intended to relieve or exempt the Permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.

F. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.

G. This permit shall be renewable on the expiration date, provided the Permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.

H. The Director may require the Permittee to develop a list of Operation and Maintenance Procedures which must be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the Permittee shall adhere to all of the operation and maintenance procedures contained therein.

I. The Permittee shall provide the Department a minimum of thirty (30) days notice prior to the scheduled date of any performance test required pursuant to this permit. Such testing must strictly adhere to the procedures outlined in the Department's **Procedures Manual for Air Pollution Control**, and will not be conducted on weekends or state holidays, unless the Permittee obtains prior Department approval. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment.

The Permittee shall promptly notify the Department of any change in the testing schedule and shall provide at least five (5) working days notice prior to conducting any rescheduled test, unless the Department approves a shorter advanced notice period. Any records or data generated as a result of such performance tests shall be made available to the Department upon request.

The performance tests will be performed at the maximum production rate unless otherwise is specifically stated elsewhere in this Operating Permit. If this maximum rate is not achieved during testing, the allowable production rate will be limited to the production rate attained during testing.

J. The provisions of this permit are severable; and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.